

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

- 1           1. (Currently Amended) A computer controlled method comprising:  
2           providing a security credential to a medical wireless sensor associated  
3 with a patient at an enrollment station associated with a medical facility;  
4           establishing communication between the medical sensor and a provisioning  
5 device over a bidirectional location-limited channel, the wireless sensor configured  
6 to send the security credential to the provisioning device over the location-limited  
7 channel and to receive a commitment from the provisioning device over the location-  
8 limited channel;  
9           receiving from the provisioning device over the bidirectional location-limited  
10 channel at least one of provisioning information or additional application-specific  
11 information, site-specific information, network-specific information, or other  
12 information that can be used by the wireless sensor ~~from the provisioning device over~~  
13 ~~the location-limited channel~~, wherein the provisioning information includes a  
14 credential and wherein the credential facilitates the wireless sensor to become a  
15 member of a secure credential infrastructure; and  
16           automatically configuring the wireless sensor for transmitting sensor  
17 information over a secure communication channel responsive to the provisioning  
18 information.
- 1           2. (Previously Presented) The computer controlled method of claim 1, wherein  
2 the provisioning information comprises a credential.

1           3. (Previously Presented) The computer controlled method of claim 1, wherein  
2 the provisioning information further comprises one or more of patient data, limit  
3 data, alarm data, dosage data, interval data, access data, physician data, caregiver  
4 data, nurse data, insurance data or room assignment data.

1           4. (Previously Presented) The computer controlled method of claim 3, further  
2 comprising transmitting the sensor information over the secure communication  
3 channel.

1           5. (Previously Presented) The computer controlled method of claim 1,  
2 wherein the provisioning information further comprises one or more of sensitivity  
3 data, target data, image recognition data, or noise characteristics.

1           6. (Previously Presented) The computer controlled method of claim 1,  
2 wherein the wireless sensor senses one or more of medical information, location  
3 information, proximity information, environmental information, or vehicle  
4 information.

1           7. (Currently Amended) A computer-readable storage medium storing  
2 instructions that when executed by a computer cause the computer to perform a  
3 method comprising steps of:  
4           providing a security credential to a medical wireless sensor associated  
5 with a patient at an enrollment station associated with a medical facility;  
6           establishing communication between the medical sensor and a provisioning  
7 device over a bidirectional location-limited channel, the wireless sensor configured to  
8 send the security credential to the provisioning device over the location-limited  
9 channel and to receive a commitment from the provisioning device over the location-  
10 limited channel;

11 receiving from the provisioning device over the bidirectional location limited  
12 channel at least one of provisioning information or additional application-specific  
13 information, site-specific information, network-specific information, or other  
14 information that can be used by the wireless sensor ~~from the provisioning device over~~  
15 ~~the location limited channel~~, wherein the provisioning information includes a  
16 credential and wherein the credential facilitates the wireless sensor to become a  
17 member of a secure credential infrastructure; and  
18 automatically configuring the wireless sensor for transmitting sensor  
19 information over a secure communication channel responsive to said provisioning  
20 information.

1 8. (Previously Presented) The computer-readable storage medium of  
2 claim 7, wherein the provisioning information comprises a credential.

1 9. (Previously Presented) The computer-readable storage medium of claim 7,  
2 wherein the provisioning information further comprises one or more of patient data,  
3 limit data, alarm data, dosage data, interval data, access data, physician data, caregiver  
4 data, nurse data, insurance data or room assignment data.

1 10. (Previously Presented) The computer-readable storage medium of claim 9,  
2 further comprising transmitting the sensor information over the secure  
3 communication channel.

1 11. (Previously Presented) The computer-readable storage medium of claim 7,  
2 wherein the provisioning information further comprises one or more of sensitivity  
3 data, target data, image recognition data, or noise characteristics.

1 12. (Previously Presented) The computer-readable storage medium of claim 7,  
2 wherein the wireless sensor senses one or more of medical information, location

3 information, proximity information, environmental information, or vehicle  
4 information.

1 13. (Currently Amended) A wireless apparatus comprising:  
2 a mechanism configured to provide a security credential to a medical wireless  
3 sensor associated with a patient at an enrollment station associated with a medical  
4 facility;  
5 at least one port configured to establish a bidirectional location-limited  
6 channel;  
7 a preferred channel communication mechanism configured to establish  
8 communication with a provisioning device over the bidirectional location-limited  
9 channel, the preferred channel communication mechanism further configured to send  
10 the security credential to the provisioning device over the bidirectional location-  
11 limited channel and to receive a commitment from the provisioning device over the  
12 bidirectional location-limited channel:  
13 a receiver mechanism configured to receive from the provisioning device over  
14 the bidirectional location-limited channel at least one of provisioning information or  
15 additional application-specific information, site-specific information, network-  
16 specific information, or other information that can be used by the wireless sensor  
17 ~~from said provisioning device over the location-limited channel~~, wherein the  
18 provisioning information includes a credential and wherein the credential  
19 facilitates the wireless sensor to become a member of a secure credential  
20 infrastructure; and  
21 an automatic configuration mechanism to enable the wireless sensor to  
22 transmit sensor information over a secure communication channel established  
23 responsive to said provisioning information.

1 14. (Previously Presented) The apparatus of claim 13, wherein the  
2 provisioning information comprises a credential.

1           15. (Previously Presented) The apparatus of claim 13, wherein the  
2 provisioning information further comprises one or more of patient data, limit data,  
3 alarm data, dosage data, interval data, access data, physician data, caregiver data,  
4 nurse data, insurance data, room assignment data, sensitivity data, target data, image  
5 recognition data, activation data, or noise characteristics.

1           16. (Previously Presented) The apparatus of claim 15, further comprising a  
2 transmission mechanism configured to transmit the sensor information over the  
3 secure communication channel.

1           17. (Previously Presented) The apparatus of claim 13, further comprising a  
2 sensor for measuring the sensor information.

1           18. (Previously Presented) The apparatus of claim 13, wherein the wireless  
2 sensor senses one or more of medical information, location information, proximity  
3 information, environmental information, or vehicle information.

1           19. (Previously Presented) The apparatus of claim 13, wherein the sensor  
2 information is status information about the apparatus.

1           20. (Currently Amended) The computer controlled method of claim 1,  
2 wherein the bidirectional location-limited channel comprises a single ~~preferred~~  
3 location-limited channel capable of communicating both from the wireless sensor to  
4 the provisioning device and from the provisioning device to the wireless sensor.

1           21. (Currently Amended) The computer controlled method of claim 1,  
2 wherein the bidirectional location-limited channel comprises two separate channels,

3 including a first location-limited channel capable of communicating from the wireless  
4 sensor to the provisioning device and a second location-limited channel capable of  
5 communicating from the provisioning device to the wireless sensor.

1 22. (Currently Amended) The computer-readable storage medium of claim 7,  
2 wherein the bidirectional location-limited channel comprises a single location-  
3 limited channel capable of communicating both from the wireless sensor to the  
4 provisioning device and from the provisioning device to the wireless sensor.

1 23. (Currently Amended) The computer-readable storage medium of claim 7,  
2 wherein the bidirectional location-limited channel comprises two separate channels,  
3 including a first location-limited channel capable of communicating from the wireless  
4 sensor to the provisioning device and a second location-limited channel capable of  
5 communicating from the provisioning device to the wireless sensor.

1 24. (Currently Amended) The apparatus of claim 13, wherein the  
2 bidirectional location-limited channel comprises a single location-limited channel  
3 capable of communicating both from the wireless sensor to the provisioning device  
4 and from the provisioning device to the wireless sensor.

1 25. (Currently Amended) The apparatus of claim 13, wherein the  
2 bidirectional location-limited channel comprises two separate channels, including a  
3 first location-limited channel capable of communicating from the wireless sensor to  
4 the provisioning device and a second location-limited channel capable of  
5 communicating from the provisioning device to the wireless sensor.